

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Indium chloride tetrahydrate,99.9% metals basis

ITEM NUMBER: I105861  
BRAND: Aladdin  
CAS NUMBER: 22519-64-8  
MDL NUMBER: MFCD00149746  
FORMULA:  $\text{InCl}_3 \cdot 4\text{H}_2\text{O}$   
MOLECULAR WEIGHT: 293.24

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White to Off-White Powder or Solid or Chunks		
ICP: Confirms Indium Component	Confirmed		
In(Complexometric EDTA)	38.6 %	40.5 %	40.5 %
Purity(Based On Trace Metals Analysis)	99.9 %	100 %	100 %
total metallic impurities	0 ppm	2000 ppm	2000 ppm
Water by Karl Fischer	22 %	27 %	27 %
X-Ray Diffraction	Conforms to Structure		